

**PATENT**  
**CUSTOMER NO. 20991**  
**ATTORNEY DOCKET NO. PD-N96045D**

- B1
36. An apparatus according to Claim 35, wherein the information is a destination IP address.
37. An apparatus according to Claim 34, wherein said apparatus effects the selection.
38. An apparatus according to Claim 34, wherein the selection is effected by selectively modifying an IP address.
39. An apparatus comprising:
- an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and
  - an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,
- wherein selection between the satellite link and the dial-up link for transmitting data from the network to said apparatus is made in accordance with a transport level port number.
40. An apparatus according to Claim 39, wherein the port number is a TCP/UDP port number.
41. An apparatus according to Claim 40, wherein said apparatus effects the selection.
42. An apparatus according to Claim 40, wherein the selection is effected by selectively modifying an IP address of a packet.
43. An apparatus comprising:
- an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and
  - an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,

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B1 wherein data transmission from the network to said apparatus via the satellite link automatically switches to the dial-up link in response to detection of loss of receive of signal on the satellite link.

44. An apparatus comprising:

an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and

an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,

wherein data transmission from the network to said apparatus via the satellite link automatically switches to the dial-up link in response to detection of congestion on the satellite link.

45. An apparatus comprising:

an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and

an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,

wherein data transmission from the network to said apparatus via the satellite link automatically switches to the dial-up link in response to determination that a packet of the data transmission is a UDP packet.

46. An apparatus comprising:

an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and

an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,

wherein data transmission from the network to said apparatus via the satellite link automatically switches to the dial-up link in response to detection of an amount of data transmission on a TCP connection exceeding a predetermined limit.

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47. An apparatus comprising:

an interface for connecting said apparatus to a satellite receiver, the satellite receiver providing a satellite link to a network; and

an interface for connecting said apparatus to a modem, the modem providing a dial-up link to the network,

wherein data transmission from the network to said apparatus via the satellite link automatically switches to the dial-up link in response to detection of a bit rate of data transmission compatible with the dial-up link.

48. A system comprising:

an interface for coupling an apparatus to a wireless receiver, the wireless receiver providing a wireless link to a network; and

an interface for coupling the apparatus to a device providing a link to the network having a lower data rate than the wireless link,

wherein at least one of the following conditions is satisfied: (a) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus is made in accordance with information in an IP header in a packet sent from the apparatus, (b) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus is made in accordance with a TCP/UDP port number, (c) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus is made in accordance with detection of loss of receive of signal on the wireless link, (d) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus is made in accordance with detection of congestion on the wireless link, (e) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus is made in accordance with determination that a packet of the data transmission is a UDP packet, and (f) selection between the wireless link and the lower data rate link for transmitting data from the network to the apparatus

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B1 is made in accordance with detection of an amount of data transmission on a TCP connection exceeding a limit.

49. A system according to Claim 48, wherein the link having a lower data rate than the wireless link is a link other than a wireless link.

50. A system according to Claim 48, wherein the apparatus comprises the interfaces.

51. A system according to Claim 48, wherein the link having a lower data rate is a dial-up link.

52. A system according to Claim 48, wherein the wireless link is a satellite link.

53. A method comprising:

providing an apparatus configured to be coupled to (a) a wireless receiver, the wireless receiver providing a wireless link to a network, and (b) a device providing a link to the network having a lower data rate than the wireless link; and

any of (a) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in accordance with information in an IP header in a packet sent from the apparatus, (b) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in accordance with a TCP/UDP port number, (c) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in accordance with detection of loss of receive of signal on the wireless link, (d) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in accordance with detection of congestion on the wireless link, (e) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in accordance with determination that a packet of the data transmission is a UDP packet, and (f) selecting between the wireless link and the lower data rate link for transmitting data from the network to the apparatus in